

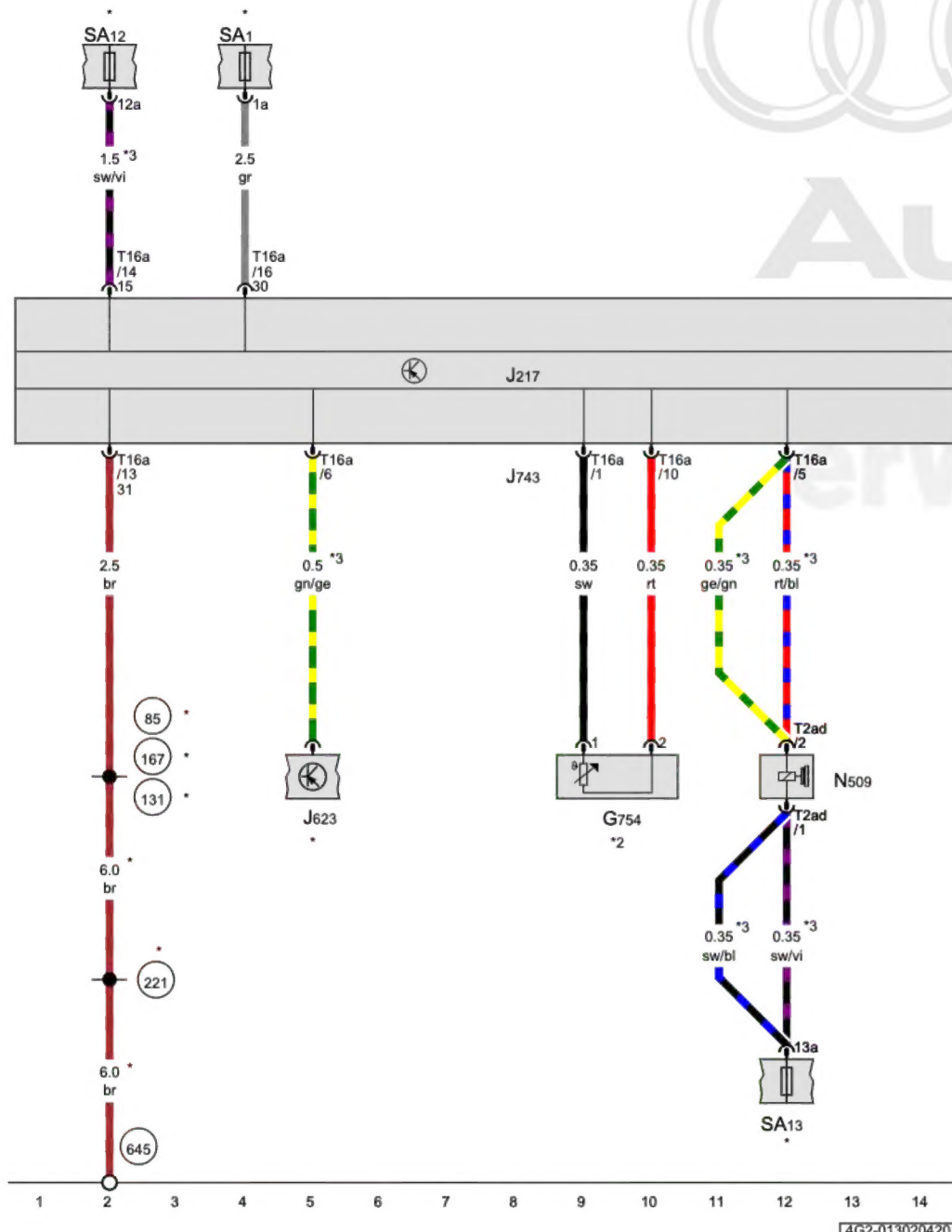
Automatic Transmission 7-Speed 0B5 (S Tronic) , (G1D)

From January 2011



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erWin



Transmission Fluid Temperature Sensor 2, Transmission Control Module, Transmission Fluid Cooling Valve

- G754 Transmission Fluid Temperature Sensor 2
- J217 Transmission Control Module
- J623 Engine/Motor Control Module
- J743 Dual-Clutch Transmission Mechatronic
- N509 Transmission Fluid Cooling Valve
- SA1 Fuse 1 (On Fuse Panel A)
- SA12 Fuse 12 (On Fuse Panel A)
- SA13 Fuse 13 (On Fuse Panel A)
- T2ad 2-Pin Connector
- T16a 16-Pin Connector

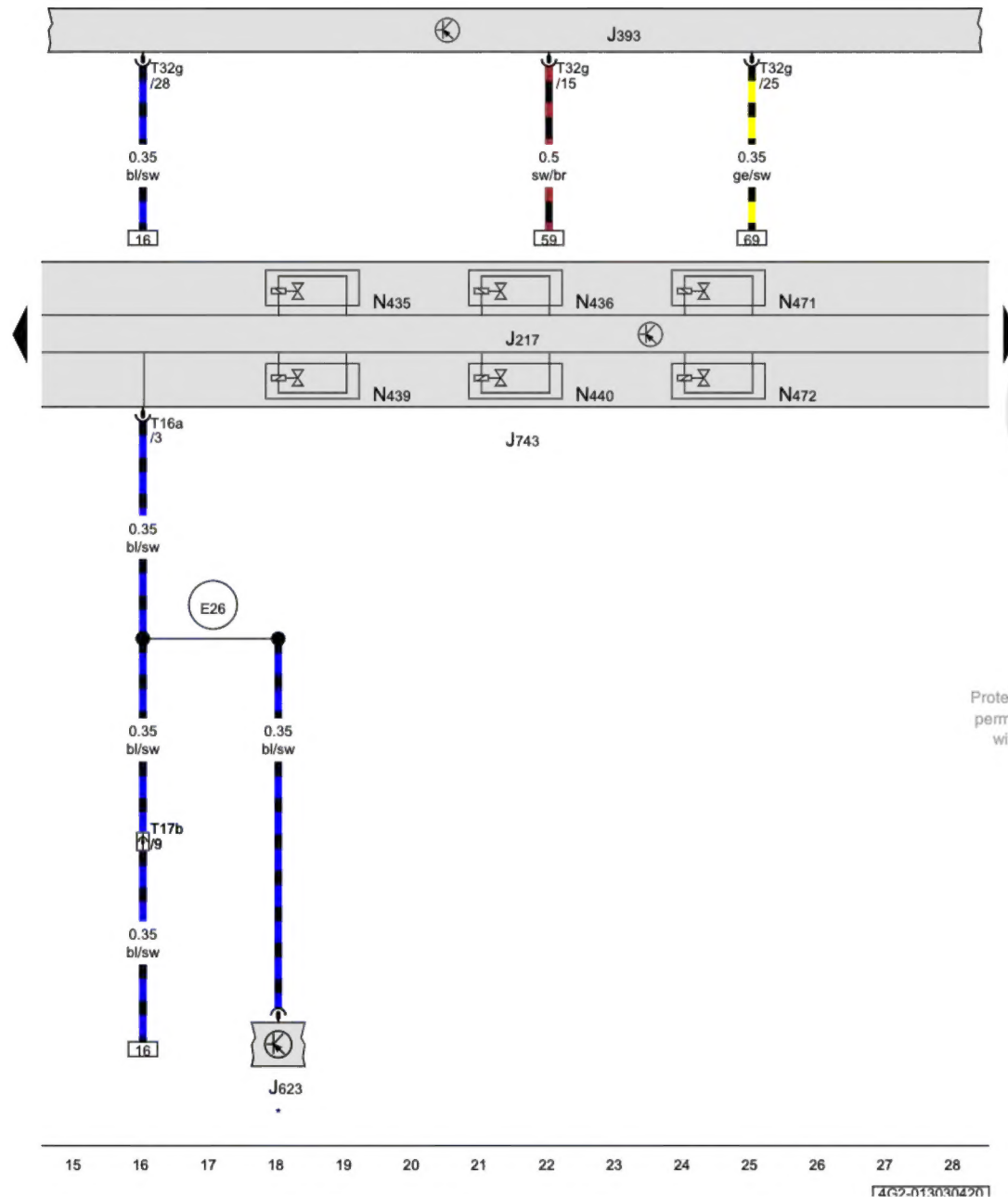
- 85 Ground Connection 1 (in Engine/Motor Compartment Wiring Harness)
- 131 Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
- 167 Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)
- 221 Engine Ground Connection (in Engine Wiring Harness)
- 645 Ground Connection 1 on Bulkhead

- * Refer to Applicable Engine Wiring Diagram
- *2 Depending on Equipment
- *3 The Color of the Wires Depends on Vehicle Equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Transmission Control Module, Comfort System Central Control Module

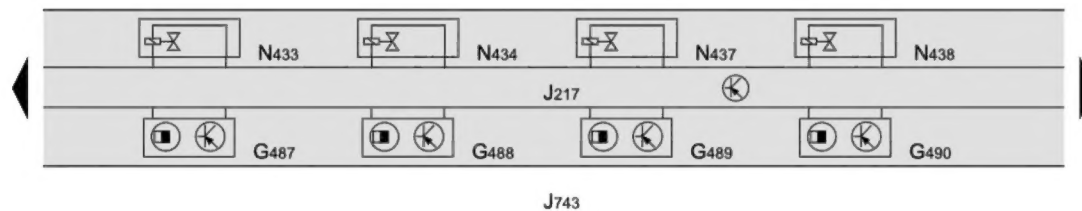
- J217 Transmission Control Module
- J393 Comfort System Central Control Module
- J623 Engine/Motor Control Module
- J743 Dual-Clutch Transmission Mechatronic
- N435 Sub-Transmission 1 Valve 3
- N436 Sub-Transmission 1 Valve 4
- N439 Sub-Transmission 2 Valve 3
- N440 Sub-Transmission 2 Valve 4
- N471 Cooling Oil Valve
- N472 Main Pressure Valve
- T16a 16-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T32g 32-Pin Connector
- E26 Selector Lever P/N Position Connection (in Motronic Multiform Fuel Injection Wiring Harness)
- * Refer to Applicable Engine Wiring Diagram



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Transmission Control Module

- G487 Gear Position Distance Sensor 1
- G488 Gear Position Distance Sensor 2
- G489 Gear Position Distance Sensor 3
- G490 Gear Position Distance Sensor 4
- J217 Transmission Control Module
- J743 Dual-Clutch Transmission Mechatronic
- N433 Sub-Transmission 1 Valve 1
- N434 Sub-Transmission 1 Valve 2
- N437 Sub-Transmission 2 Valve 1
- N438 Sub-Transmission 2 Valve 2



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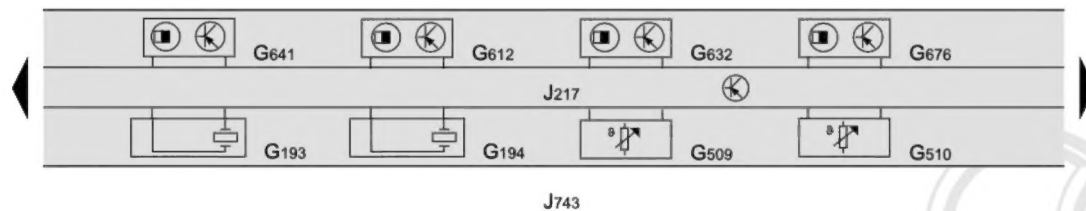
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Transmission Control Module

- G193 Automatic Transmission Hydraulic Pressure Sensor 1
- G194 Automatic Transmission Hydraulic Pressure Sensor 2
- G509 Clutch Oil Temperature Sensor
- G510 Temperature Sensor in Control Module
- G612 Transmission Input Speed Sensor 2
- G632 Transmission Input Speed Sensor 1
- G641 Transmission Input Speed Sensor 3
- G676 Drive Position Sensor
- J217 Transmission Control Module
- J743 Dual-Clutch Transmission Mechatronic

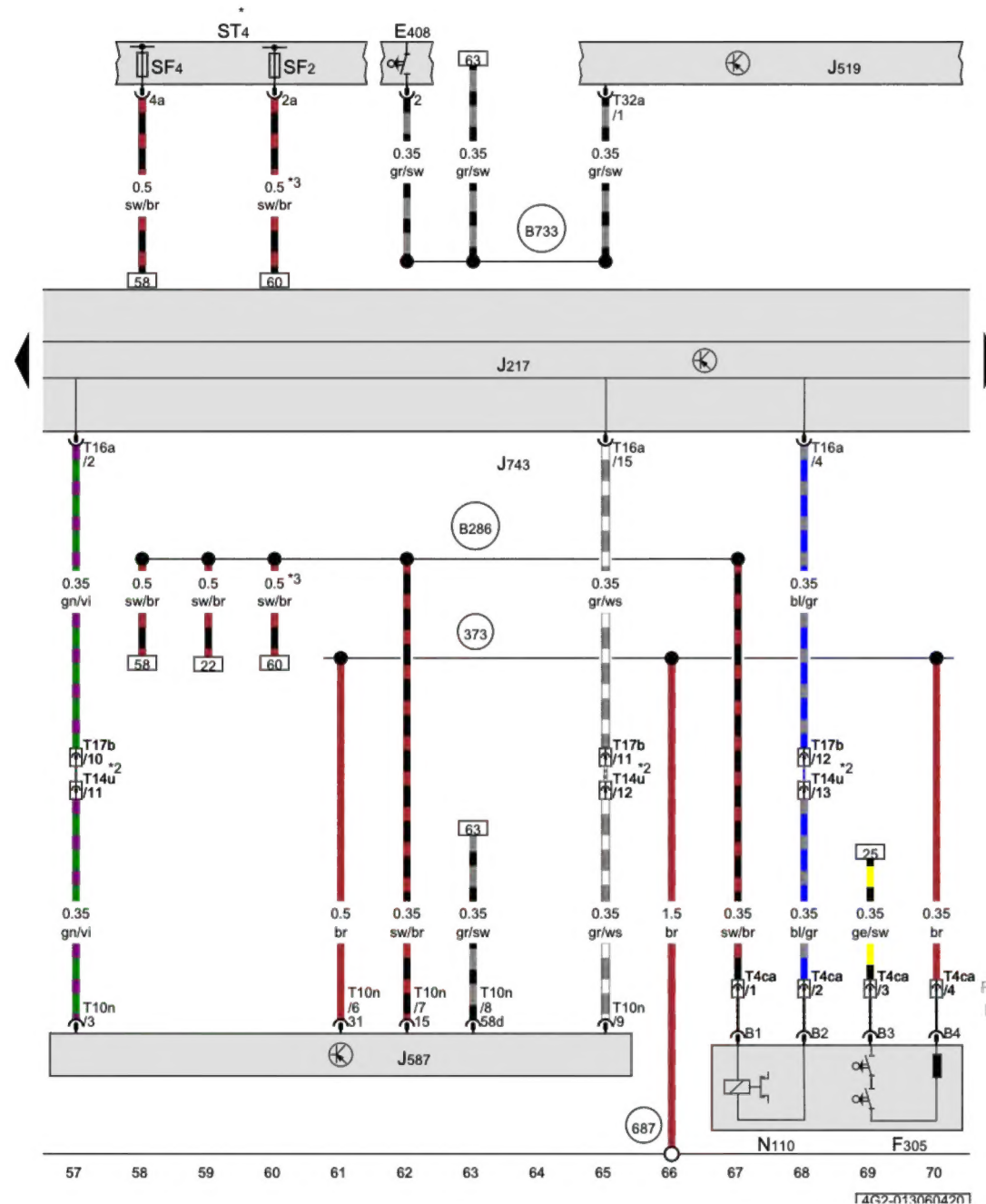


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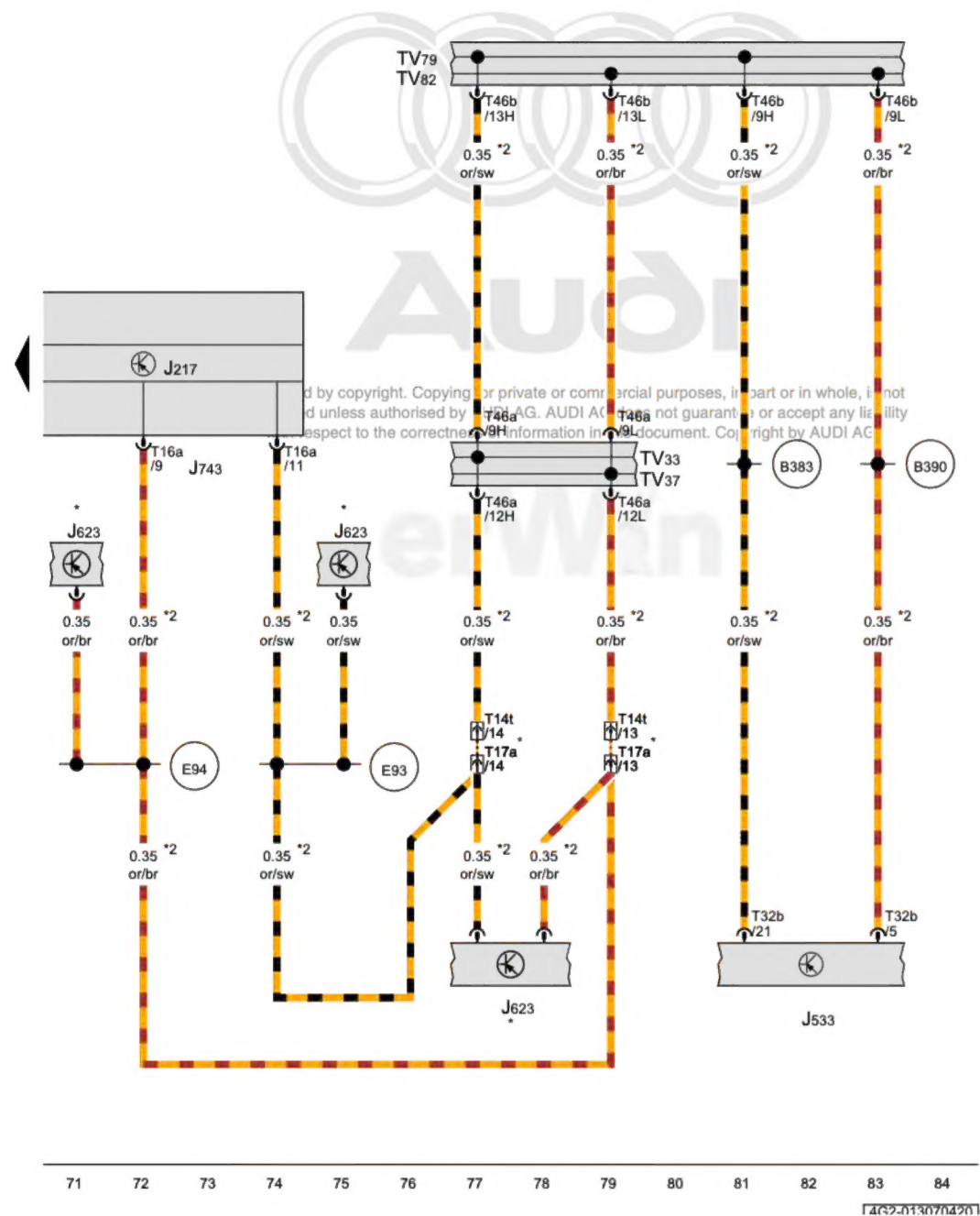
Transmission Park Selector Switch, Transmission Control Module, Vehicle Electrical System Control Module, Selector Lever Sensor System Control Module

- E408 Access/Start Authorization Button
- F305 Transmission Park Selector Switch
- J217 Transmission Control Module
- J519 Vehicle Electrical System Control Module
- J587 Selector Lever Sensor System Control Module
- J743 Dual-Clutch Transmission Mechatronic
- N110 Shift Lock Solenoid
- SF2 Fuse 2 (On Fuse Panel F)
- SF4 Fuse 4 (On Fuse Panel F)
- ST4 Fuse Panel 4
- T4ca 4-Pin Connector
- T10n 10-Pin Connector
- T14u 14-Pin Connector
- T16a 16-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T32a 32-Pin Connector

- 373 Ground Connection 8 (in Main Wiring Harness)
- 687 Ground Connection 1 on Center Tunnel
- B286 Positive Connection 10 (15a) (in Main Wiring Harness)
- B733 Connection 58s (in Main Wiring Harness) 3
- * Refer to Applicable Wiring Diagram for Fuse Positions
- *2 Refer to Applicable Engine Wiring Diagram
- *3 From June 2014

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Transmission Control Module, Powertrain CAN Bus High Wire Junction, Powertrain CAN Bus Low Wire Junction, Powertrain CAN Bus High Wire Junction 2

- J217 Transmission Control Module
- J533 Data Bus on Board Diagnostic Interface
- J623 Engine/Motor Control Module
- J743 Dual-Clutch Transmission Mechatronic
- T14t 14-Pin Connector
- T16a 16-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T32b 32-Pin Connector
- T46a 46-Pin Connector
- T46b 46-Pin Connector
- TV33 Powertrain CAN Bus High Wire Junction
- TV37 Powertrain CAN Bus Low Wire Junction
- TV79 Powertrain CAN Bus High Wire Junction 2
- TV82 Powertrain CAN Bus Low Wire Junction 2
- B383 Powertrain CAN Bus High Connection 1 (in Main Wiring Harness)
- B390 Powertrain CAN Bus Low Connection 1 (in Main Wiring Harness)
- E93 CAN Bus High Connection 1 (in Engine Wiring Harness)
- E94 CAN Bus Low Connection 1 (in Engine Wiring Harness)
- * Refer to Applicable Engine Wiring Diagram
- *2 Data Bus Wire (CAN Bus)